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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/613,426	07/10/2000	Hirofumi Ando	Q60058	9344
7590	09/29/2004	EXAMINER		
Sughrue Mion Zinn Macpeak & Seas 2100 Pennsylvania Avenue NW Washington, DC 20037-3202			PARK, CHAN S	
ART UNIT		PAPER NUMBER		
		2622		

DATE MAILED: 09/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	09/613,426	ANDO, HIROFUMI
	Examiner	Art Unit
	CHAN S PARK	2622

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

THE REPLY FILED 28 July 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

a) The period for reply expires ____ months from the mailing date of the final rejection.
 b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
 ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
 2. The proposed amendment(s) will not be entered because:
 (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 (b) they raise the issue of new matter (see Note below);
 (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: ____.

3. Applicant's reply has overcome the following rejection(s): _____.
 4. Newly proposed or amended claim(s) ____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
 5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
 6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
 7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.
 Claim(s) objected to: _____.
 Claim(s) rejected: 1-21.
 Claim(s) withdrawn from consideration: _____.
 8. The drawing correction filed on ____ is a) approved or b) disapproved by the Examiner.
 9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
 10. Other: _____.

DETAILED ACTION

Advisory Action

1. The period for reply continues to run 6 MONTHS from the date of the final rejection. Any extension of time must be obtained by filing a petition under 37 CFR 1.136(a) accompanied by the appropriate fee. The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. A reply within the meaning of 37 CFR 1.113 or a request for a continued examination (RCE) in compliance with 37 CFR 1.114 must be timely filed to avoid abandonment of this application.

Response to Amendment

2. The amendment filed 8/2/04 under 37 CFR 1.116 in reply to the final rejection has been considered but is not deemed to place the application in condition for allowance and will not be entered because:

- a. Applicant's arguments have been fully considered but they are not persuasive.

In response to applicant's arguments regarding the rejection of ***claims 1, 4, 9, 12, and 16***, wherein on pages 2-4, the applicant explains how the *plurality of logical channels* of the current invention is different from the teaching of Furukawa. However, the difference is not apparent in the current claim wording to overcome the prior art of

Furukawa. According to the claims, the first data control means must be present between the host and the printer for controlling transfer of data between the two. Now, it is unclear if the plurality of logical channels is present between the control means and the host or between the control means and the printer. Thus, due to the vagueness of the claim wording, the Examiner has interpreted that the plurality of logical channel is present between the printer and the control means and the plurality of logical channel is shown in fig. 4 as previously presented in a prior Office action.

Moreover, referring to fig. 1, the print data created by either 1st host computer WS1 or 2nd host computer WS2 is transferred to a digital copier (15 or 16 of fig. 4) by a logical channel (local area network 17). When the print data is received at the communication controller 70 of the digital copier, the print data is further transferred by another logical channel 71 (col. 6, lines 57-65). Thus, Furukawa teaches that the print data is transferred from the host to the printer by a plurality of logical channels (local area network 17 of fig. 1 and common data bus 71 of fig. 4).

In response to applicant's arguments regarding *the normal communication*, the applicant fails to distinctively point out how this normal communication is different from other communications in the claim wording. Thus, the Examiner has interpreted this normal communication as a communication between the scanner and the printer without any intervention of the host (col. 6, lines 49-53) and other communication as the network communication between the host and the printer.

Furthermore, the applicant has repeatedly stated that the present invention can respond to a plurality of requests from a plurality of devices simultaneously by adapting

both a plurality of logical channels communication and normal communication. However, as previously mentioned in the prior Office action, the features which applicant relies are not recited in the rejected claims. Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Therefore, the rejection of **claims 1, 4, 9, 12, and 16**, as cited in the Office action dated 4/21/04 is maintained.

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHAN S PARK whose telephone number is (703) 305-2448. The examiner can normally be reached on M-F 8am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on (703) 305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chan S. Park
Examiner
Art Unit 2622

csp
September 7, 2004



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